DATA SHEET

LIFEBOOK S7220

Your best friend on the move

Issue: April 2009

LIFEBOOK S7220

The LIFEBOOK S7220 offers the perfect balance between low weight and high-end performance. Weighing only 2.2 kg this is the ideal choice in the 14.1-inch notebook segment. A flexible modular bay, port replicator and a long battery life make work easy. Integrated 3G/UMTS and the optional ConfCamera enable connectivity anytime, anywhere.

Ergonomic working

Enjoy constant access to all your data thanks to a versatile mobile device.

- A slim and lightweight notebook, weighing only 2.2 kg, with a 14.1-inch WXGA or WXGA+ display that can run up to 8 hours with a second battery

Maximum connectivity

Available everywhere: wireless connectivity anytime anywhere even if there is no hotspot.

- Optional integrated 3G/UMTS, WLAN and Bluetooth

Reliable companion

Secure and effective working even for the most demanding of users in all situations.

- Spill-proof keyboard, shock sensor and further innovative highlights

Maximum security

Protect your company data against unauthorized third-party access.

- Benefit from our end-to-end anti-theft concept, system- and user protection, such as fingerprint sensor, TPM module, and SmartCase Logon+

Safety

Protect your company data against unauthorized third-party access.

- Benefit from our holistic concept of theft protection plus system and user security.

Mobile Broadband

SIERRA WIRELESS EMPOWERED

ENERGY STAR

Green IT

BEST CONNECTIVITY

SYSTEM GUARDS

ULTIMATE SECURITY

FAMILY CONCEPT

2ND BATTERY

INFORMATION DISPLAY

CONFCAM

TWINLOAD

Components

Processor	Intel® Core™2 Duo T9600 (2.8 GHz, 6 MB, 1066 MHz)
	Intel® Core™2 Duo T9550 (2.66 GHz, 6 MB, 1066 MHz)
	Intel® Core™2 Duo T9400 (2.53 GHz, 6 MB, 1066 MHz)
	Intel® Core™2 Duo P8700 (2.53 GHz, 3 MB, 1066 MHz)
	Intel® Core™2 Duo P8600 (2.4 GHz, 3 MB, 1066 MHz)
Memory modules	2 GB (1 module(s) with 2 GB, DDR3), 1066 MHz
	1 GB (1 module(s) with 1 GB, DDR3), 1066 MHz
Hard disk drives (internal)	320 GB, 5400 rpm, SATA, 2.5-inch S.M.A.R.T.
	160 GB, 7200 rpm, SATA, 2.5-inch S.M.A.R.T.
	160 GB, 5400 rpm, SATA, 2.5-inch S.M.A.R.T.
	160 GB, 5400 rpm, FDE-3, 2.5-inch S.M.A.R.T.
Hard disk notes	ShockSensor for HDD shock protection One Gigabyte equals one billion bytes, when referring to hard disk drive capacity. Accessible capacity may vary, also depending on used software
Display	14.1-inch TFT 1440 x 900 pixel (WXGA+) non-glare display
	14.1-inch TFT 1280 x 800 pixel (WXGA) non-glare display
WLAN (optional)	Atheros Minicard b/g 802.11 b/g
	Intel® Wireless WiFi Link 5300 AGN 11/13ch
UMTS/HSUPA (optional)	Sierra Wireless MC8790 (downlink 7.2 MBit/s, uplink 2.0 MBit/s)
Bluetooth	Bluetooth 2.1
Modular bay options	2nd battery
	2nd hard disk drive
	DVD Super Multi
	Weight saver

Base unit	**LIFEBOOK S7220 14.1-inch**	**LIFEBOOK S7220 14.1-inch**
General system information		
Chipset	Intel® GM45, ICH 9-M	Intel® GM45, ICH 9-M
BIOS features	BIOS based on Phoenix TrustedCore Notebook	BIOS based on Phoenix TrustedCore Notebook
Memory slots	2 DIMM (DDR3)	2 DIMM (DDR3)
Turbo memory	Optional 4 GB	Optional 4 GB
Supported capacity RAM (max.)	4 GB	4 GB
Memory notes	8 GB - with future memory modules.	8 GB - with future memory modules.
Interfaces		
Memory card slots	1	1
ExpressCard slots	1	1
SmartCard slot	1	1
SIM card slot	1	1
Modem (RJ-11)	1	1
USB 2.0 total	3	3
VGA	1	1
Ethernet (RJ-45)	1	1
DC-in	1	1
Audio: line-in / microphone	1	1
Audio: line-out / headphone	1	1
Internal microphones	2	2
Docking connector for Port Replicator	1	1
Kensington Lock support	1	1
Wired communication		
Modem type	56 K V.92 modem MDC1.5	56 K V.92 modem MDC1.5
LAN	Built-in 10/100/1000 MBit/s Marvell 88E8055	Built-in 10/100/1000 MBit/s Marvell 88E8055

Wireless technologies		
Antennas	3 dual band antennas, 2 UMTS antennas	3 dual band antennas, 2 UMTS antennas
WLAN notes	Import and usage according to country-specific regulations.	Import and usage according to country-specific regulations.
UMTS	Optional	Optional
Keyboard and pointing devices		
	Spill-proof keyboard	Spill-proof keyboard
	Number of keyboard keys: 82, Keyboard pitch: 19 mm, Keyboard stroke: 2.7 mm	Number of keyboard keys: 82, Keyboard pitch: 19 mm, Keyboard stroke: 2.7 mm
	TouchStick TouchPad with two mouse buttons and one scroll button Second set of mouse buttons Application buttons LockWorkstation button MobilityCenter button EcoButton Status LED	TouchStick TouchPad with two mouse buttons and one scroll button Second set of mouse buttons Application buttons LockWorkstation button MobilityCenter button EcoButton Status LED Fingerprint sensor
Multimedia		
Audio type	On board	On board
Audio codec	Realtek ALC269	Realtek ALC269
Audio features	Stereo speakers, 2 internal microphones	Stereo speakers, 2 internal microphones
Camera	Optional: Built-in ConfCamera, 1.3 megapixel, VGA camera	Optional: Built-in ConfCamera, 1.3 megapixel, VGA camera
Graphics		
Max. resolution external display	1920 x 1200 / true color / 60 Hz	1920 x 1200 / true color / 60 Hz
Graphics brand name	Mobile Intel® GMA 4500M HD	Mobile Intel® GMA 4500M HD
Graphic features	DualView (Windows XP & Windows Vista)	DualView (Windows XP & Windows Vista)
Power supply		
AC adapter	19 V / 80 W (4.22 A)	19 V / 80 W (4.22 A)
Rated voltage range	100 - 240 V (AC Input)	100 - 240 V (AC Input)
Rated frequency range	50 - 60 Hz	50 - 60 Hz
1st battery	1st Li-Ion battery 6-cell, 5800 mAh, 62 Wh	1st Li-Ion battery 6-cell, 5800 mAh, 62 Wh
2nd battery	2nd Li-Ion battery 6 cell (Option), 3800 mAh, 41 Wh	2nd Li-Ion battery 6 cell (Option), 3800 mAh, 41 Wh
Battery features	Dynamic charge supported (rapid charge)	Dynamic charge supported (rapid charge)
Benchmark	Mobile Mark 2005	Mobile Mark 2005
Runtime 1st battery	up to 5 h	up to 5 h
Runtime 1st + 2nd battery	up to 8 h	up to 8 h
Battery notes	Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time depends on usage.	Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time depends on usage.
Power consumption		
Power consumption note	see white paper Energy Consumption	
Link to Energy White Paper	http://docs.ts.fujitsu.com/dl.aspx?id=6bd899e5-7bef-4b2f-b9ab-b76bb4a55c06	
Dimensions / Weight / Environmental		
Dimension (W x D x H)	334 x 242 x 31 - 37 mm	334 x 242 x 31 - 37 mm
Weight	2.2 kg	2.2 kg
Weight notes	Weight may vary depending on actual configuration	Weight may vary depending on actual configuration
Operating ambient temperature	5 - 35°C	5 - 35°C
Operating relative humidity	20 - 80 %	20 - 80 %

Operating system		
Operating system optional preinstalled	Microsoft® Windows Vista® Home Basic Microsoft® Windows Vista® Business 32bit TwinLoad Microsoft® Windows® XP Professional (DVD)	Microsoft® Windows Vista® Home Basic Microsoft® Windows Vista® Business 32bit TwinLoad Microsoft® Windows® XP Professional (DVD)
Operating system compatible	Microsoft® Windows® XP Professional	Microsoft® Windows® XP Professional
Operating system notes	Driver support for Microsoft Windows XP	Driver support for Microsoft Windows XP
Additional Software		
Additional software (preinstalled)	Adobe Acrobat Reader Application Panel Display Manager ShockSensor Utility Power Saving Utility Wireless Selector Utility EasyGuide online user documentation Nero Essentials S (CD / DVD write software) Norton Internet Security (incl. Firewall) on Drivers & Utilities DVD for Microsoft Windows XP Toshiba Stack 4.x	Adobe Acrobat Reader Application Panel Display Manager ShockSensor Utility Power Saving Utility Wireless Selector Utility EasyGuide online user documentation Nero Essentials S (CD / DVD write software) Norton Internet Security (incl. Firewall) on Drivers & Utilities DVD for Microsoft Windows XP Toshiba Stack 4.x
Additional software (optional)	Windows Vista® recovery media Drivers & Utilities DVD (DUDVD) UMTS connection manager (optional with UMTS) SmartCase Logon+	Windows Vista® recovery media Drivers & Utilities DVD (DUDVD) UMTS connection manager (optional with UMTS)
Additional software (included as a CD/DVD)		SmartCase Logon+
Manageability		
Manageability features	DeskUpdate Driver management DeskView Migrate (optional) DeskView Control (optional)	DeskUpdate Driver management DeskView Migrate (optional) DeskView Control (optional)
Manageability type	DeskView 10.x client management including:	DeskView 10.x client management including:
DeskView features	On/Offline remote client management Detailed system inventory management and reports BIOS Management Remote power management System notifications Security Remote Control DeskView Helpdesk Integration WoL (Wake on LAN)	On/Offline remote client management Detailed system inventory management and reports BIOS Management Remote power management System notifications Security Remote Control DeskView Helpdesk Integration WoL (Wake on LAN)
Supported standards	WMI PXE BootP (made4you)	WMI PXE BootP (made4you)
Manageability link	http://ts.fujitsu.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html	http://ts.fujitsu.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html
Security		
Physical security	Kensington Lock support	Kensington Lock support
System security	Optional: Trusted plattform module (TPM 1.2) Symantec Norton Internet Security (90 day test version)	Optional: Trusted plattform module (TPM 1.2) Symantec Norton Internet Security (90 day test version)
User security	User and supervisor BIOS password SystemLock BIOS SmartCard security Integrated SmartCard controller in PC Card with system lock support Separate SmartCard slot Optional: SmartCase Logon+ Hard disk password	User and supervisor BIOS password SystemLock BIOS SmartCard security Integrated SmartCard controller in PC Card with system lock support Separate SmartCard slot Optional: SmartCase Logon+ Hard disk password Integrated Fingerprint Sensor
Compliance		
Germany	GS	

Compliance	
Europe	CE CE!
USA/Canada	FCC Class B (Depending on wireless configuration) CSA cUL UL
Global	RoHS (Restriction of hazardous substances) WEEE (Waste electrical and electronical equipment) WiFi certified Microsoft Operating Systems (HCT / HCL entry / WHQL) ENERGY STAR® 4.0
Compliance link	https://sp.ts.fujitsu.com/sites/certificates/default.aspx

Portreplicator interfaces (optional)	
DC-in	1
Power on switch	1
Headphones	1
Audio: microphone in	1
USB 2.0 total	4
VGA	1
DVI	1 (with HDCP Support)
Serial (RS-232)	1
Mouse / Keyboard (PS/2)	1
Ethernet (RJ-45)	1
Parallel	1
Kensington Lock support	2

Warranty	
Standard Warranty	2 years
Service level	Collect & Return Service / Bring-In Service (depending on country)

Maintenance and Support Services - the perfect extension	
Recommended Service	3 years, On-site Service
Spare Parts availability	5 years
Service Weblink	htttp://ts.fujitsu.com/Supportservice

BAYERISCHER QUALITÄTSPREIS

Information about environmental care, policies, programs and our Environmental Guideline FSC 03230:
http://ts.fujitsu.com/aboutus
Take back and Recycling information:
http://ts.fujitsu.com/recycling

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